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ELECTRICITY PRICES

1st July 1992

Council Directive No 90/377/EEC of 29 June 1990 lays down a Community procedure to improve the transparency of gas and electricity prices charged to industrial end-users.

In accordance with Article 1.1, this note sets out the prices for standard consumers and the "marker prices" in force as at 1st July 1992.

The places in the 3 locations and 1 region of the Eastern part of Germany are published for the first time, viz.:

- Erfurt,
- Leipzig
- Rostock
- Osten

Nine standard industrial users, coded I_a to I_i, were chosen :

Reference consumer	Annual consumption kWh	Maximum demand kW	Annual utilisation in hours
I _a	30 000	30	1 000
I _b	50 000	50	1 000
I _c	160 000	100	1 600
I _d	1 250 000	500	2 500
I _e	2 000 000	500	4 000
I _f	10 000 000	2 500	4 000
I _g	24 000 000	4 000	6 000
I _h	50 000 000	10 000	5 000
I _i	70 000 000	10 000	7 000

Prices for the standard consumers are given in national currencies, PPS (purchasing power standard as at 24 November for 1992) and in ecus (average value for July 1992).

B	DK	D	GR	E	F	IRL	I	L	NL	P	UK
BFR	DKR	DM	DRA	PTA	FR	IRL	LIT	LFR	HKL	ESC	UKL
1 SPA =											
40.8330	9.64041	2.22	182.149	121.065	6.83994	0.715	1562.5	40.9836	2.23999	128.04	0.667
1 ECU =											
42.0698	7.8616	2.04244	250.6266	130.0390	6.89227	0.76622	1538.4615	42.0698	2.30309	173.0104	0.714189

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MARKER PRICE

(01.07.1992)

National currencies

The marker price is a reference price for a particular consumption category. These prices are usually tied to particular conditions of supply set out in a large body of contractual clauses, which do not permit a simple and direct comparison of these prices among the different Member States.

		1	2	3
<u>Belgium</u>	BFR/kWh			
	25 MW	2.14	1.79	1.79
	50 MW	2.02	1.69	1.69
	75 MW	2.00	1.67	1.67
<u>Federal Republic of Germany</u> (North/Central)				
- lowest	PF/kWh			
	25 MW	14.8	13.0	12.0
	50 MW	14.2	12.5	11.6
	75 MW	14.0	12.3	11.3
- Highest	25 MW	20.2	17.7	16.7
	50 MW	19.8	17.4	16.4
	75 MW	19.5	17.1	16.2
(West) - lowest	25 MW	14.5	12.7	11.8
	50 MW	13.9	12.2	11.3
	75 MW	14.3	11.7	10.8
- highest	25 MW	17.1	15.0	13.9
	50 MW	16.5	14.5	13.4
	75 MW	16.0	14.1	13.0
(South) - lowest	25 MW	14.8	13.0	12.1
	50 MW	14.1	12.4	11.6
	75 MW	13.6	11.9	11.1
- highest	25 MW	16.8	14.7	13.7
	50 MW	16.3	14.3	13.4
	75 MW	16.0	14.0	13.1
(Osten) - lowest	25 MW	14.4	12.7	12.7
	50 MW	13.9	12.2	12.2
	75 MW	13.5	11.9	11.9
- highest	25 MW	20.2	17.7	17.7
	50 MW	19.8	17.4	17.4
	75 MW	19.5	17.1	17.1
<u>Greece</u>	DRA/kWh			
	25 MW	13.12	11.12	11.12
	50 MW	13.12	11.12	11.12
	75 MW	13.12	11.12	11.12

<u>Spain</u>		PTA/kWh			
	25 MW	6.01	5.32	5.32	
	50 MW	6.01	5.32	5.32	
	75 MW	6.01	5.32	5.32	
<u>France</u>		CENT/kWh			
	25 MW	37.30	31.45	31.45	
	50 MW	34.92	29.45	29.45	
	75 MW	33.78	28.48	28.48	
<u>Italy</u>		LIT/kWh			
(Northern and Central	25 MW	86.62	79.47	72.75	
Italy)	50 MW	84.15	77.20	70.62	
	75 MW	83.33	76.45	69.91	
(Southern Italy and the	25 MW	85.27	78.23	72.75	
islands)	50 MW	82.81	75.97	70.62	
	75 MW	81.99	75.22	69.91	
<u>Netherlands</u>		CENTS/kWh			
- lowest	25 MW	10.35	8.73	8.73	
	50 MW	9.24	7.80	7.80	
	75 MW	10.21	8.62	8.62	
- highest	25 MW	12.02	10.14	10.14	
	50 MW	11.15	9.41	9.41	
	75 MW	10.32	8.71	8.71	
<u>Portugal</u>		ESC/kWh			
	25 MW	13.34	12.71	12.71	
	50 MW	13.97	13.30	13.30	
<u>United Kingdom</u>		P/kWh			
	25 MW	4.3	3.7	3.7	
	50 MW	4.1	3.5	3.5	
	75 MW	4.1	3.5	3.5	

(Denmark, Luxembourg, Ireland: confidential marker prices, less than three consumers in the category).

1 : with taxes excluded

2 : VAT excluded

3 : taxes excluded

JULI 01 JULY 1992 JUILLET	NATIONALE WAEHRUNG NATIONAL CURRENCIE / KWH MONNAIE NATIONALE			KKS PPS SPA / 100 KWH			ECUS / 100 KWH		
VERBRAUCHER-TYPEN	STEUERN	OHNE	OHNE	STEUERN	OHNE	OHNE	STEUERN	OHNE	OHNE
STANDARD CONSUMERS	IMBEGR.	MEHRWERT.	STEUERN	IMBEGR.	MEHRWERT.	STEUERN	IMBEGR.	MEHRWERT.	STEUERN
CONSUMMATEURS TYPE	WITH	VAT	TAXES	WITH	VAT	TAXES	WITH	VAT	TAXES
	TAXES	EXC.	EXC.	TAXES	EXC.	EXC.	TAXES	EXC.	EXC.
	TAXES	HORS	HORS	TAXES	HORS	HORS	TAXES	HORS	HORS
	COMPRISES	TVA	TAXES	COMPRISES	TVA	TAXES	COMPRISES	TVA	TAXES
BELGIQUE (BFR)									
IA	6.69	5.60	5.60	16.38	13.71	13.71	15.90	13.31	13.31
IB	6.63	5.55	5.55	16.24	13.59	13.59	15.76	13.19	13.19
IC	5.50	4.60	4.60	13.47	11.27	11.27	13.07	10.93	10.93
ID	4.17	3.49	3.49	10.21	8.55	8.55	9.91	8.30	8.30
IE	3.54	2.96	2.96	8.67	7.25	7.25	8.41	7.04	7.04
IF	3.36	2.81	2.81	8.23	6.88	6.88	7.99	6.68	6.68
IG	2.77	2.32	2.32	6.78	5.68	5.68	6.58	5.51	5.51
IH	2.45	2.05	2.05	6.00	5.02	5.02	5.82	4.87	4.87
II	2.10	1.76	1.76	5.14	4.31	4.31	4.99	4.18	4.18
DANEMARK (DKR)									
IA	93.82	75.06	42.06	9.76	7.81	4.37	11.92	9.53	5.34
IB	93.14	74.51	41.51	9.69	7.75	4.32	11.83	9.46	5.27
IC	91.00	72.80	39.80	9.46	7.57	4.14	11.56	9.25	5.05
ID	87.94	70.35	37.35	9.15	7.32	3.88	11.17	8.93	4.74
IE	84.05	67.24	34.24	8.74	6.99	3.56	10.67	8.54	4.35
IF	83.34	66.67	33.67	8.67	6.93	3.50	10.58	8.47	4.28
IG	81.35	65.08	32.08	8.46	6.77	3.34	10.33	8.27	4.07
IH	80.92	64.74	31.74	8.42	6.73	3.30	10.28	8.22	4.03
II	78.21	62.57	29.57	8.13	6.51	3.08	9.93	7.95	3.76
DEUTSCHLAND (PF)									
IA	67.05	58.82	54.36	30.17	26.47	24.46	32.85	28.82	26.64
IB	43.17	37.87	35.00	19.43	17.04	15.75	21.15	18.56	17.15
IC	33.07	29.01	26.81	14.88	13.05	12.06	16.20	14.21	13.14
ID	26.45	23.20	21.44	11.90	10.44	9.65	12.96	11.37	10.51
IE	23.37	20.50	18.95	10.52	9.23	8.53	11.45	10.05	9.29
IF	21.71	19.05	17.60	9.77	8.57	7.92	10.64	9.33	8.62
IG	17.29	15.17	14.02	7.78	6.83	6.31	8.47	7.43	6.87
IH	18.93	16.61	15.35	8.52	7.47	6.91	9.28	8.14	7.52
II	15.73	13.80	12.76	7.08	6.21	5.74	7.71	6.76	6.25
DUESSELDORF									
IA	45.25	39.69	36.55	20.36	17.86	16.45	22.17	19.45	17.91
IB	45.25	39.69	36.55	20.36	17.86	16.45	22.17	19.45	17.91
IC	38.02	33.35	30.71	17.11	15.01	13.82	18.63	16.34	15.05
ID	30.86	27.07	24.93	13.89	12.18	11.22	15.12	13.26	12.22
IE	24.59	21.57	19.86	11.07	9.71	8.94	12.05	10.57	9.73
IF	24.59	21.57	19.86	11.07	9.71	8.94	12.05	10.57	9.73
IG	20.50	17.98	16.56	9.23	8.09	7.45	10.05	8.81	8.11
IH	22.15	19.43	17.89	9.97	8.74	8.05	10.85	9.52	8.77
II	19.14	16.79	15.46	8.61	7.56	6.96	9.38	8.23	7.58
HAMBURG									
IA	45.04	39.51	36.55	20.27	17.78	16.45	22.07	19.36	17.91
IB	44.45	38.99	36.07	20.00	17.55	16.23	21.78	19.11	17.67
IC	32.07	28.13	26.02	14.43	12.66	11.71	15.71	13.78	12.75
ID	26.61	23.34	21.59	11.97	10.50	9.72	13.04	11.44	10.58
IE	22.48	19.72	18.24	10.12	8.87	8.21	11.02	9.66	8.94
IF	22.25	19.52	18.06	10.01	8.78	8.13	10.90	9.56	8.85
IG	18.70	16.40	15.17	8.42	7.38	6.83	9.16	8.04	7.43
IH	19.57	17.17	15.88	8.81	7.73	7.15	9.59	8.41	7.78
II	17.35	15.22	14.08	7.81	6.85	6.34	8.50	7.46	6.90
HANNOVER									
IA	45.04	39.51	36.55	20.27	17.78	16.45	22.07	19.36	17.91
IB	44.45	38.99	36.07	20.00	17.55	16.23	21.78	19.11	17.67
IC	32.07	28.13	26.02	14.43	12.66	11.71	15.71	13.78	12.75
ID	26.61	23.34	21.59	11.97	10.50	9.72	13.04	11.44	10.58
IE	22.48	19.72	18.24	10.12	8.87	8.21	11.02	9.66	8.94
IF	22.25	19.52	18.06	10.01	8.78	8.13	10.90	9.56	8.85
IG	18.70	16.40	15.17	8.42	7.38	6.83	9.16	8.04	7.43
IH	19.57	17.17	15.88	8.81	7.73	7.15	9.59	8.41	7.78
II	17.35	15.22	14.08	7.81	6.85	6.34	8.50	7.46	6.90

JULI 01 JULY 1992 JUILLET	NATIONALE WAERUNG NATIONAL CURRENCY / KWH MONNAIE NATIONALE			KKS PPS SPA / 100 KWH			ECUS / 100 KWH		
	STEUERN IMBEGR.	OHNE MEHRWERT.	OHNE STEUERN	STEUERN IMBEGR.	OHNE MEHRWERT.	OHNE STEUERN	STEUERN IMBEGR.	OHNE MEHRWERT.	OHNE STEUERN
	WITH TAXES	VAT EXC.	TAXES EXC.	WITH TAXES	VAT EXC.	TAXES EXC.	WITH TAXES	VAT EXC.	TAXES EXC.
VERBRAUCHER-TYPEN STANDARD CONSUMERS CONSOMMATEURS TYPE	TAXES COMPRISES	HORS TVA	HORS TAXES	TAXES COMPRISES	HORS TVA	HORS TAXES	TAXES COMPRISES	HORS TVA	HORS TAXES
DEUTSCHLAND (PF)									
IA	37.89	33.24	30.72	17.05	14.96	13.82	18.57	16.29	15.05
IB	36.67	32.17	29.73	16.50	14.48	13.38	17.97	15.76	14.57
IC	31.30	27.46	25.38	14.09	12.36	11.42	15.34	13.46	12.44
ID	25.11	22.05	20.35	11.30	9.92	9.16	12.30	10.80	9.97
IE	22.16	19.44	17.97	9.97	8.75	8.09	10.86	9.53	8.81
IF	20.36	17.86	16.51	9.16	8.04	7.43	9.98	8.75	8.09
IG	15.75	13.81	12.77	7.09	6.21	5.75	7.72	6.77	6.26
IH	17.05	14.96	13.83	7.67	6.73	6.22	8.35	7.33	6.78
II	14.05	12.33	11.39	6.32	5.55	5.13	6.88	6.04	5.58
WESTLICHE GEBIETE									
IA	48.84	42.84	39.85	21.98	19.28	17.93	23.93	20.99	19.53
IB	48.49	42.54	39.57	21.82	19.14	17.81	23.76	20.84	19.39
IC	33.41	29.30	27.26	15.03	13.19	12.27	16.37	14.36	13.36
ID	25.94	22.76	21.17	11.67	10.24	9.53	12.71	11.15	10.37
IE	21.23	18.62	17.32	9.55	8.38	7.79	10.40	9.12	8.49
IF	20.26	17.77	16.53	9.12	8.00	7.44	9.93	8.71	8.10
IG	17.46	15.32	14.25	7.86	6.89	6.41	8.56	7.51	6.98
IH	18.39	16.14	15.01	8.28	7.26	6.75	9.01	7.91	7.35
II	16.52	14.49	13.48	7.43	6.52	6.07	8.09	7.10	6.61
FRANKFURT/M									
IA	45.45	39.87	37.26	20.45	17.94	16.77	22.27	19.54	18.26
IB	44.30	38.86	36.32	19.94	17.49	16.34	21.71	19.04	17.80
IC	34.13	29.94	27.98	15.36	13.47	12.59	16.72	14.67	13.71
ID	27.49	24.11	22.53	12.37	10.85	10.14	13.47	11.81	11.04
IE	22.70	19.91	18.61	10.22	8.96	8.37	11.12	9.76	9.12
IF	21.72	19.05	17.80	9.77	8.57	8.01	10.64	9.33	8.72
IG	18.07	15.85	14.81	8.13	7.13	6.66	8.85	7.77	7.26
IH	18.71	16.41	15.34	8.42	7.38	6.90	9.17	8.04	7.52
II	16.27	14.27	13.34	7.32	6.42	6.00	7.97	6.99	6.54
STUTTGART									
IA	45.71	40.10	37.23	20.57	18.05	16.75	22.40	19.65	18.24
IB	45.16	39.61	36.78	20.32	17.82	16.55	22.13	19.41	18.02
IC	30.80	27.02	25.09	13.86	12.16	11.29	15.09	13.24	12.29
ID	24.65	21.63	20.08	11.09	9.73	9.04	12.08	10.60	9.84
IE	20.19	17.71	16.45	9.09	7.97	7.40	9.89	8.68	8.06
IF	19.81	17.37	16.13	8.91	7.82	7.26	9.71	8.51	7.90
IG	17.39	15.25	14.16	7.83	6.86	6.37	8.52	7.47	6.94
IH	18.15	15.92	14.78	8.17	7.16	6.65	8.89	7.80	7.24
II	16.75	14.69	13.64	7.54	6.61	6.14	8.21	7.20	6.68
MUENCHEN									
IA	42.26	37.07	34.42	19.02	16.68	15.49	20.71	18.16	16.87
IB	41.74	36.62	34.00	18.78	16.48	15.30	20.45	17.94	16.66
IC	32.35	28.38	26.35	14.56	12.77	11.86	15.85	13.91	12.91
ID	23.72	20.81	19.32	10.67	9.36	8.69	11.62	10.20	9.47
IE	19.95	17.50	16.25	8.98	7.88	7.31	9.78	8.58	7.96
IF	19.39	17.01	15.79	8.73	7.65	7.11	9.50	8.33	7.74
IG	16.99	14.91	13.84	7.65	6.71	6.23	8.33	7.31	6.78
IH	17.41	15.27	14.18	7.83	6.87	6.38	8.53	7.48	6.95
II	16.01	14.04	13.04	7.20	6.32	5.87	7.84	6.88	6.39
SUEDLICHE GEBIETE									

PRIX DE L'ELECTRICITE POUR USAGES INDUSTRIELS

JULI 01 JULY 1992 JUILLET		NATIONALE WAEHRUNG NATIONAL CURRENCY / KWH MONNAIE NATIONALE			KKS PPS SPA / 100 KWH			ECUS / 100 KWH		
VERBRAUCHER-TYPEN		STEUERN INBEGR.	OHNE MEHRWERT.	OHNE STEUERN	STEUERN INBEGR.	OHNE MEHRWERT.	OHNE STEUERN	STEUERN INBEGR.	OHNE MEHRWERT.	OHNE STEUERN
STANDARD CONSUMERS		WITH TAXES	VAT EXC.	TAXES EXC.	WITH TAXES	VAT EXC.	TAXES EXC.	WITH TAXES	VAT EXC.	TAXES EXC.
CONSUMMATEURS TYPE		TAXES COMPRISES	HORS TVA	HORS TAXES	TAXES COMPRISES	HORS TVA	HORS TAXES	TAXES COMPRISES	HORS TVA	HORS TAXES
DEUTSCHLAND (PF)										
I A		41.01	35.97	35.97	18.47	16.20	16.20	20.08	17.61	17.61
I B		40.64	35.65	35.65	18.31	16.06	16.06	19.90	17.45	17.45
I C		31.54	27.67	27.67	14.21	12.46	12.46	15.44	13.55	13.55
I D		23.53	20.64	20.64	10.60	9.30	9.30	11.52	10.11	10.11
I E		19.93	17.48	17.48	8.98	7.87	7.87	9.76	8.56	8.56
I F		19.89	17.45	17.45	8.96	7.86	7.86	9.74	8.54	8.54
I G		17.11	15.01	15.01	7.71	6.76	6.76	8.38	7.35	7.35
I H		18.20	15.96	15.96	8.20	7.19	7.19	8.91	7.81	7.81
I I		16.25	14.25	14.25	7.32	6.42	6.42	7.96	6.98	6.98
ERFURT										
I A		33.50	29.39	29.39	15.09	13.24	13.24	16.40	14.39	14.39
I B		33.81	29.66	29.66	15.23	13.36	13.36	16.55	14.52	14.52
I C		30.80	27.02	27.02	13.87	12.17	12.17	15.08	13.23	13.23
I D		24.89	21.83	21.83	11.21	9.83	9.83	12.19	10.69	10.69
I E		21.01	18.43	18.43	9.46	8.30	8.30	10.29	9.02	9.02
I F		19.28	16.91	16.91	8.68	7.62	7.62	9.44	8.28	8.28
I G		15.55	13.64	13.64	7.00	6.14	6.14	7.61	6.68	6.68
I H		16.56	14.53	14.53	7.46	6.55	6.55	8.11	7.11	7.11
I I		14.15	12.41	12.41	6.37	5.59	5.59	6.93	6.08	6.08
LEIPZIG										
I A		39.35	34.52	34.52	17.73	15.55	15.55	19.27	16.90	16.90
I B		39.10	34.30	34.30	17.61	15.45	15.45	19.14	16.79	16.79
I C		38.32	33.61	33.61	17.26	15.14	15.14	18.76	16.46	16.46
I D		24.40	21.40	21.40	10.99	9.64	9.64	11.95	10.48	10.48
I E		20.04	17.58	17.58	9.03	7.92	7.92	9.81	8.61	8.61
I F		20.01	17.55	17.55	9.01	7.91	7.91	9.80	8.59	8.59
I G		17.09	14.99	14.99	7.70	6.75	6.75	8.37	7.34	7.34
I H		16.19	14.20	14.20	7.29	6.40	6.40	7.93	6.95	6.95
I I		14.01	12.29	12.29	6.31	5.54	5.54	6.86	6.02	6.02
ROSTOCK										
I A		39.35	34.52	34.52	17.73	15.55	15.55	19.27	16.90	16.90
I B		39.10	34.30	34.30	17.61	15.45	15.45	19.14	16.79	16.79
I C		38.32	33.61	33.61	17.26	15.14	15.14	18.76	16.46	16.46
I D		24.40	21.40	21.40	10.99	9.64	9.64	11.95	10.48	10.48
I E		20.04	17.58	17.58	9.03	7.92	7.92	9.81	8.61	8.61
I F		20.01	17.55	17.55	9.01	7.91	7.91	9.80	8.59	8.59
I G		17.09	14.99	14.99	7.70	6.75	6.75	8.37	7.34	7.34
I H		16.19	14.20	14.20	7.29	6.40	6.40	7.93	6.95	6.95
I I		14.01	12.29	12.29	6.31	5.54	5.54	6.86	6.02	6.02

JULI 01 JULY 1992 JUILLET	NATIONALE WAEHRUNG NATIONAL CURRENCY / KWH MONNAIE NATIONALE			KKS	PPS	SPA / 100 KWH	ECUS / 100 KWH		
	VERBRAUCHER-TYPEN STANDARD CONSUMERS CONSOMMATEURS TYPE	STEUERN IMBEGR. TAXES COMPRISES	OHNE MEHRWERT. VAT EXC. HORS TVA	OHNE STEUERN TAXES COMPRISES	OHNE MEHRWERT. VAT EXC. HORS TVA	OHNE STEUERN TAXES COMPRISES	STEUERN IMBEGR. TAXES COMPRISES	OHNE MEHRWERT. VAT EXC. HORS TVA	OHNE STEUERN TAXES COMPRISES
ELLAS (DRA)									
IA	28.38	24.05	24.05	15.58	13.20	13.20	11.32	9.60	9.60
IB	28.27	23.96	23.96	15.52	13.15	13.15	11.28	9.56	9.56
IC	26.10	22.12	22.12	14.33	12.14	12.14	10.41	8.83	8.83
ID	20.77	17.60	17.60	11.40	9.66	9.66	8.29	7.02	7.02
IE	19.22	16.29	16.29	10.55	8.94	8.94	7.67	6.50	6.50
IF	19.22	16.29	16.29	10.55	8.94	8.94	7.67	6.50	6.50
IG	16.33	13.84	13.84	8.97	7.60	7.60	6.52	5.52	5.52
IH	15.42	13.07	13.07	8.47	7.18	7.18	6.15	5.21	5.21
II	13.63	11.55	11.55	7.48	6.34	6.34	5.44	4.61	4.61
ATHINAI									
ESPAÑA (PTA)									
IA	20.15	17.83	17.83	16.64	14.73	14.73	15.50	13.71	13.71
IB	20.15	17.83	17.83	16.64	14.73	14.73	15.50	13.71	13.71
IC	16.76	14.83	14.83	13.84	12.25	12.25	12.89	11.40	11.40
ID	15.41	13.64	13.64	12.73	11.27	11.27	11.85	10.49	10.49
IE	13.76	12.18	12.18	11.37	10.06	10.06	10.58	9.37	9.37
IF	12.90	11.42	11.42	10.66	9.43	9.43	9.92	8.78	8.78
IG	11.61	10.27	10.27	9.59	8.48	8.48	8.93	7.90	7.90
IH	11.64	10.30	10.30	9.61	8.51	8.51	8.95	7.92	7.92
II	10.44	9.24	9.24	8.62	7.63	7.63	8.03	7.11	7.11
MADRID									
FRANCE (CENT.)									
IA	88.24	74.40	67.30	12.88	10.86	9.83	12.79	10.79	9.76
IB	82.98	69.96	67.30	12.12	10.21	9.83	12.03	10.14	9.76
IC	76.56	64.56	62.10	11.18	9.43	9.07	11.10	9.36	9.00
ID	60.55	51.05	51.05	8.84	7.45	7.45	8.78	7.40	7.40
IE	50.28	42.40	42.40	7.34	6.19	6.19	7.29	6.15	6.15
IF	50.28	42.40	42.40	7.34	6.19	6.19	7.29	6.15	6.15
IG	43.37	36.57	36.57	6.33	5.34	5.34	6.29	5.30	5.30
IH	39.34	33.17	33.17	5.74	4.84	4.84	5.70	4.81	4.81
II	35.30	29.76	29.76	5.15	4.34	4.34	5.12	4.32	4.32
PARIS									
LILLE									
IA	87.48	73.76	67.30	12.77	10.77	9.83	12.68	10.70	9.76
IB	82.69	69.72	67.30	12.07	10.18	9.83	11.99	10.11	9.76
IC	76.30	64.33	62.10	11.14	9.39	9.07	11.06	9.33	9.00
ID	60.55	51.05	51.05	8.84	7.45	7.45	8.78	7.40	7.40
IE	50.28	42.40	42.40	7.34	6.19	6.19	7.29	6.15	6.15
IF	50.28	42.40	42.40	7.34	6.19	6.19	7.29	6.15	6.15
IG	43.37	36.57	36.57	6.33	5.34	5.34	6.29	5.30	5.30
IH	39.34	33.17	33.17	5.74	4.84	4.84	5.70	4.81	4.81
II	35.30	29.76	29.76	5.15	4.34	4.34	5.12	4.32	4.32
STRASBOURG									
IA	82.37	69.45	67.30	12.03	10.14	9.83	11.94	10.07	9.76
IB	80.77	68.11	67.30	11.79	9.94	9.83	11.71	9.88	9.76
IC	74.53	62.84	62.10	10.88	9.17	9.07	10.81	9.11	9.00
ID	60.55	51.05	51.05	8.84	7.45	7.45	8.78	7.40	7.40
IE	50.28	42.40	42.40	7.34	6.19	6.19	7.29	6.15	6.15
IF	50.28	42.40	42.40	7.34	6.19	6.19	7.29	6.15	6.15
IG	43.37	36.57	36.57	6.33	5.34	5.34	6.29	5.30	5.30
IH	39.34	33.17	33.17	5.74	4.84	4.84	5.70	4.81	4.81
II	35.30	29.76	29.76	5.15	4.34	4.34	5.12	4.32	4.32

JULI 01 JULY 1992 JUILLET	NATIONALE WAERHUNG			KKS PPS SPA / 100 KWH			ECUS / 100 KWH		
	NATIONAL CURRENCIE / KWH								
	MONNAIE NATIONALE								
VERBRAUCHER-TYPEN	STEUERN	OHNE	OHNE	STEUERN	OHNE	OHNE	STEUERN	OHNE	OHNE
STANDARD CONSUMERS	IMBEGR.	MEHRWERT.	STEUERN	IMBEGR.	MEHRWERT.	STEUERN	IMBEGR.	MEHRWERT.	STEUERN
CONSOMMATEURS TYPE	WITH	VAT	TAXES	WITH	VAT	TAXES	WITH	VAT	TAXES
	TAXES	EXC.	EXC.	TAXES	EXC.	EXC.	TAXES	EXC.	EXC.
	TAXES	HORS	HORS	TAXES	HORS	HORS	TAXES	HORS	HORS
	COMPRISES	TVA	TAXES	COMPRISES	TVA	TAXES	COMPRISES	TVA	TAXES
FRANCE (CENT.)									
IA	87.48	73.76	67.30	12.77	10.77	9.83	12.68	10.70	9.76
IB	82.69	69.72	67.30	12.07	10.18	9.83	11.99	10.11	9.76
IC	76.30	64.33	62.10	11.14	9.39	9.07	11.06	9.33	9.00
ID	60.55	51.05	51.05	8.84	7.45	7.45	8.78	7.40	7.40
IE	50.28	42.40	42.40	7.34	6.19	6.19	7.29	6.15	6.15
IF	50.28	42.40	42.40	7.34	6.19	6.19	7.29	6.15	6.15
IG	43.37	36.57	36.57	6.33	5.34	5.34	6.29	5.30	5.30
IH	39.34	33.17	33.17	5.74	4.84	4.84	5.70	4.81	4.81
II	35.30	29.76	29.76	5.15	4.34	4.34	5.12	4.32	4.32
LYON (3)									
IRELAND (P)									
IA	11.421	10.152	10.152	15.98	14.20	14.20	14.90	13.25	13.25
IB	11.267	10.015	10.015	15.76	14.01	14.01	14.70	13.07	13.07
IC	9.042	8.037	8.037	12.65	11.24	11.24	11.80	10.49	10.49
ID	6.910	6.142	6.142	9.67	8.59	8.59	9.02	8.02	8.02
IE	5.640	5.013	5.013	7.89	7.01	7.01	7.36	6.54	6.54
IF	5.274	4.688	4.688	7.38	6.56	6.56	6.88	6.12	6.12
IG	4.538	4.034	4.034	6.35	5.64	5.64	5.92	5.26	5.26
IH	4.544	4.039	4.039	6.36	5.65	5.65	5.93	5.27	5.27
II	4.132	3.673	3.673	5.78	5.14	5.14	5.39	4.79	4.79
DUBLIN									
ITALIA (LIT)									
IA	312.43	286.63	257.53	20.00	18.34	16.48	20.31	18.63	16.74
IB	272.69	250.17	217.57	17.45	16.01	13.92	17.72	16.26	14.14
IC	218.35	200.32	167.72	13.97	12.82	10.73	14.19	13.02	10.90
ID	206.03	189.02	156.42	13.19	12.10	10.01	13.39	12.29	10.17
IE	176.10	161.56	128.96	11.27	10.34	8.25	11.45	10.50	8.38
IF	159.83	146.63	128.96	10.23	9.38	8.25	10.39	9.53	8.38
IG	116.48	106.86	98.44	7.45	6.84	6.30	7.57	6.95	6.40
IH	118.96	109.14	101.75	7.61	6.98	6.51	7.73	7.09	6.61
II	93.15	85.46	78.33	5.96	5.47	5.01	6.05	5.55	5.09
SETTENTRIONALE E CENTRALE									
MERIDIONALE E INSULARE									
IA	256.39	235.22	208.17	16.41	15.05	13.32	16.67	15.29	13.53
IB	270.45	248.12	217.57	17.31	15.88	13.92	17.58	16.13	14.14
IC	216.11	198.27	167.72	13.83	12.69	10.73	14.05	12.89	10.90
ID	203.80	186.97	156.42	13.04	11.97	10.01	13.25	12.15	10.17
IE	173.87	159.51	128.96	11.13	10.21	8.25	11.30	10.37	8.38
IF	158.27	145.20	128.96	10.13	9.29	8.25	10.29	9.44	8.38
IG	115.05	105.55	98.44	7.36	6.76	6.30	7.48	6.86	6.40
IH	117.59	107.88	101.75	7.53	6.90	6.51	7.64	7.01	6.61
II	91.79	84.21	78.33	5.87	5.39	5.01	5.97	5.47	5.09
G. D. LUXEMBOURG (LFR)									
NATIONAL 50 % (1) (2)									
IA	5.76	5.44	5.44	14.06	13.26	13.26	13.70	12.92	12.92
IB	5.84	5.51	5.51	14.25	13.44	13.44	13.88	13.09	13.09
IC	4.49	4.24	4.24	10.96	10.34	10.34	10.68	10.07	10.07
ID	3.66	3.45	3.45	8.93	8.43	8.43	8.70	8.21	8.21
IE	3.10	2.93	2.93	7.57	7.14	7.14	7.38	6.96	6.96
IF	2.41	2.28	2.28	5.89	5.56	5.56	5.74	5.41	5.41
IG	1.99	1.88	1.88	4.85	4.58	4.58	4.73	4.46	4.46
IH	2.06	1.94	1.94	5.03	4.74	4.74	4.90	4.62	4.62
II	1.82	1.72	1.72	4.44	4.19	4.19	4.33	4.08	4.08

(1) LEISTUNGSABSENKUNG / POWER REDUCTION / EFFACEMENT DE PUISSANCE

(2) VERWENDET FUER GEMEINSCHAFTLICHE VERGLEICHE /

TAKEN FOR COMMUNITY COMPARISON / UTILISE POUR COMPARAISON COMMUNAUTAIRE

(3) PREISE AUCH GUELTIG FUER MARSEILLE, TOULOUSE / PRICES ALSO VALID FOR MARSEILLE, TOULOUSE

PRIX EGALEMENT VALABLES POUR MARSEILLE, TOULOUSE

JULI 01 JULY 1992 JUILLET		NATIONALE WAERUNG NATIONAL CURRENCIE / KWH MONNAIE NATIONALE			KKS PPS SPA / 100 KWH			ECUS / 100 KWH		
VERBRAUCHER-TYPEN	STEUERN IMBEGR.	OHNE MEHRWERT.	OHNE STEUERN	STEUERN IMBEGR.	OHNE MEHRWERT.	OHNE STEUERN	STEUERN IMBEGR.	OHNE MEHRWERT.	OHNE STEUERN	
STANDARD CONSUMERS	WITH TAXES	VAT EXC.	TAXES EXC.	WITH TAXES	VAT EXC.	TAXES EXC.	WITH TAXES	VAT EXC.	TAXES EXC.	
CONSUMMATEURS TYPE	TAXES COMPRISES	HORS TVA	HORS TAXES	TAXES COMPRISES	HORS TVA	HORS TAXES	TAXES COMPRISES	HORS TVA	HORS TAXES	
G. D. LUXEMBOURG (LFR)							NATIONAL 0 % (1)			
IA	7.25	6.84	6.84	17.69	16.69	16.69	17.23	16.26	16.26	
IB	7.20	6.79	6.79	17.57	16.57	16.57	17.11	16.15	16.15	
IC	5.36	5.06	5.06	13.07	12.33	12.33	12.74	12.02	12.02	
ID	4.21	3.97	3.97	10.28	9.70	9.70	10.01	9.45	9.45	
IE	3.45	3.25	3.25	8.42	7.94	7.94	8.20	7.73	7.73	
IF	2.41	2.28	2.28	5.89	5.56	5.56	5.74	5.41	5.41	
IG	1.99	1.88	1.88	4.85	4.58	4.58	4.73	4.46	4.46	
IH	2.06	1.94	1.94	5.03	4.74	4.74	4.90	4.62	4.62	
II	1.82	1.72	1.72	4.44	4.19	4.19	4.33	4.08	4.08	
							NATIONAL 100 % (1)			
IA	4.51	4.26	4.26	11.01	10.38	10.38	10.72	10.11	10.11	
IB	4.43	4.18	4.18	10.81	10.20	10.20	10.53	9.94	9.94	
IC	3.63	3.42	3.42	8.85	8.35	8.35	8.62	8.13	8.13	
ID	3.11	2.93	2.93	7.58	7.16	7.16	7.39	6.97	6.97	
IE	2.76	2.60	2.60	6.73	6.35	6.35	6.56	6.19	6.19	
IF	2.41	2.28	2.28	5.89	5.56	5.56	5.74	5.41	5.41	
IG	1.99	1.88	1.88	4.85	4.58	4.58	4.73	4.46	4.46	
IH	2.06	1.94	1.94	5.03	4.74	4.74	4.90	4.62	4.62	
II	1.82	1.72	1.72	4.44	4.19	4.19	4.33	4.08	4.08	
NEDERLANDS (CENTS)							ROTTERDAM			
IA	25.30	21.35	21.35	11.28	9.52	9.52	10.98	9.27	9.27	
IB	25.36	21.40	21.40	11.31	9.54	9.54	11.01	9.29	9.29	
IC	27.79	23.45	23.45	12.39	10.46	10.46	12.06	10.18	10.18	
ID	21.88	18.46	18.46	9.76	8.23	8.23	9.50	8.01	8.01	
IE	18.04	15.22	15.22	8.05	6.79	6.79	7.83	6.61	6.61	
IF	15.54	13.11	13.11	6.93	5.85	5.85	6.74	5.69	5.69	
IG	11.48	9.69	9.69	5.12	4.32	4.32	4.98	4.21	4.21	
IH	12.04	10.16	10.16	5.37	4.53	4.53	5.23	4.41	4.41	
II	10.71	9.04	9.04	4.78	4.03	4.03	4.65	3.92	3.92	
							NOORD-HOLLAND			
IA	23.33	19.69	19.69	10.41	8.78	8.78	10.13	8.55	8.55	
IB	23.23	19.60	19.60	10.36	8.74	8.74	10.08	8.51	8.51	
IC	22.67	19.13	19.13	10.11	8.53	8.53	9.84	8.30	8.30	
ID	16.19	13.66	13.66	7.22	6.09	6.09	7.03	5.93	5.93	
IE	13.66	11.53	11.53	6.09	5.14	5.14	5.93	5.00	5.00	
IF	13.33	11.25	11.25	5.95	5.02	5.02	5.79	4.88	4.88	
IG	11.78	9.94	9.94	5.25	4.43	4.43	5.11	4.31	4.31	
IH	12.43	10.49	10.49	5.54	4.68	4.68	5.39	4.55	4.55	
II	11.02	9.30	9.30	4.91	4.15	4.15	4.78	4.04	4.04	
							NOORD-BRABANT			
IA	20.25	17.09	17.09	9.03	7.62	7.62	8.79	7.42	7.42	
IB	20.82	17.57	17.57	9.29	7.84	7.84	9.04	7.63	7.63	
IC	23.81	20.09	20.09	10.62	8.96	8.96	10.33	8.72	8.72	
ID	15.39	12.99	12.99	6.86	5.79	5.79	6.68	5.64	5.64	
IE	13.15	11.10	11.10	5.86	4.95	4.95	5.71	4.82	4.82	
IF	13.11	11.06	11.06	5.85	4.93	4.93	5.69	4.80	4.80	
IG	11.62	9.81	9.81	5.18	4.38	4.38	5.04	4.26	4.26	
IH	11.92	10.06	10.06	5.32	4.49	4.49	5.17	4.37	4.37	
II	10.89	9.19	9.19	4.86	4.10	4.10	4.73	3.99	3.99	

(1) LEISTUNGSABSENKUNG / POWER REDUCTION / EFFACEMENT DE PUISSANCE

JULI 01 JULY 1992 JUILLET	NATIONALE WAEHRUNG			KKS PPS SPA / 100 KWH			ECUS / 100 KWH		
	NATIONAL CURRENCIE / KWH								
	MONNAIE NATIONALE								
VERBRAUCHER-TYPEN	STEUERN	OHNE	OHNE	STEUERN	OHNE	OHNE	STEUERN	OHNE	OHNE
STANDARD CONSUMERS	IMDEGR.	MEHRWERT.	STEUERN	IMDEGR.	MEHRWERT.	STEUERN	IMDEGR.	MEHRWERT.	STEUERN
CONSOMMATEURS TYPE	WITH	VAT	TAXES	WITH	VAT	TAXES	WITH	VAT	TAXES
	TAXES	EXC.	EXC.	TAXES	EXC.	EXC.	TAXES	EXC.	EXC.
	TAXES	HORS	HORS	TAXES	HORS	HORS	TAXES	HORS	HORS
	COMPRISES	TVA	TAXES	COMPRISES	TVA	TAXES	COMPRISES	TVA	TAXES

PORTUGAL (ESC)						LISBOA			
IA	26.900	25.620	25.610	21.01	20.01	20.00	15.55	14.81	14.80
IB	27.910	26.580	26.570	21.80	20.76	20.75	16.13	15.36	15.36
IC	23.020	21.920	21.920	17.98	17.12	17.12	13.31	12.67	12.67
ID	19.830	18.890	18.890	15.49	14.75	14.75	11.46	10.92	10.92
IE	17.670	16.830	16.830	13.80	13.14	13.14	10.21	9.73	9.73
IF	17.690	16.840	16.840	13.82	13.15	13.15	10.22	9.73	9.73
IG	16.140	15.370	15.370	12.61	12.00	12.00	9.33	8.88	8.88
IH	15.020	14.310	14.310	11.73	11.18	11.18	8.68	8.27	8.27
II	13.920	13.260	13.260	10.87	10.36	10.36	8.05	7.66	7.66

S. MIGUEL ACORES									
IA	.	.	.	.	.	.	.	.	.
IB	.	.	.	.	.	.	.	.	.
IC	.	.	.	.	.	.	.	.	.
ID	.	.	.	.	.	.	.	.	.
IE	.	.	.	.	.	.	.	.	.
IF	.	.	.	.	.	.	.	.	.
IG	.	.	.	.	.	.	.	.	.
IH	.	.	.	.	.	.	.	.	.
II	.	.	.	.	.	.	.	.	.

UNITED KINGDOM (P)						LONDON			
IA	9.310	7.920	7.920	13.96	11.87	11.87	13.03	11.09	11.09
IB	9.120	7.760	7.760	13.67	11.63	11.63	12.77	10.86	10.86
IC	10.010	8.520	8.520	15.00	12.77	12.77	14.01	11.93	11.93
ID	7.040	5.990	5.990	10.55	8.98	8.98	9.86	8.39	8.39
IE	6.200	5.280	5.280	9.29	7.91	7.91	8.68	7.39	7.39
IF	5.320	4.530	4.530	7.97	6.79	6.79	7.45	6.34	6.34
IG	4.810	4.090	4.090	7.21	6.13	6.13	6.73	5.73	5.73
IH	4.540	3.860	3.860	6.81	5.79	5.79	6.36	5.40	5.40
II	.	.	.	.	.	.	.	.	.

LEEDS									
IA	9.600	8.170	8.170	14.39	12.25	12.25	13.44	11.44	11.44
IB	11.220	9.550	9.550	16.82	14.32	14.32	15.71	13.37	13.37
IC	9.290	7.910	7.910	13.93	11.86	11.86	13.01	11.07	11.07
ID	7.180	6.110	6.110	10.76	9.16	9.16	10.05	8.55	8.55
IE	6.470	5.510	5.510	9.70	8.26	8.26	9.06	7.71	7.71
IF	5.260	4.480	4.480	7.88	6.72	6.72	7.36	6.27	6.27
IG	4.920	4.190	4.190	7.38	6.28	6.28	6.89	5.87	5.87
IH	.	.	.	.	.	.	.	.	.
II	.	.	.	.	.	.	.	.	.

BIRMINGHAM									
IA	9.580	8.150	8.150	14.36	12.22	12.22	13.41	11.41	11.41
IB	9.380	7.980	7.980	14.06	11.96	11.96	13.13	11.17	11.17
IC	7.990	6.800	6.800	11.98	10.19	10.19	11.19	9.52	9.52
ID	6.530	5.560	5.560	9.79	8.33	8.33	9.14	7.78	7.78
IE	6.100	5.190	5.190	9.14	7.78	7.78	8.54	7.27	7.27
IF	4.960	4.220	4.220	7.44	6.33	6.33	6.94	5.91	5.91
IG	4.990	4.250	4.250	7.48	6.37	6.37	6.99	5.95	5.95
IH	.	.	.	.	.	.	.	.	.
II	.	.	.	.	.	.	.	.	.

JULI 01 JULY 1992 JUILLET		NATIONALE WAERUNG NATIONAL CURRENCY / KWH MONNAIE NATIONALE			KKS	PPS	SPA / 100 KWH	ECUS / 100 KWH		
VERBRAUCHER-TYPEN	STEUERN IMBEGR.	OHNE MEHRWERT.	OHNE STEUERN	STEUERN IMBEGR.	OHNE MEHRWERT.	OHNE STEUERN	STEUERN IMBEGR.	OHNE MEHRWERT.	OHNE STEUERN	
STANDARD CONSUMERS	WITH TAXES	VAT EXC.	TAXES EXC.	WITH TAXES	VAT EXC.	TAXES EXC.	WITH TAXES	VAT EXC.	TAXES EXC.	
CONSUMMATEURS TYPE	TAXES COMPRISES	HORS TVA	HORS TAXES	TAXES COMPRISES	HORS TVA	HORS TAXES	TAXES COMPRISES	HORS TVA	HORS TAXES	
UNITED KINGDOM (P)										
IA	10.630	9.050	9.050	15.93	13.57	13.57	14.88	12.67	12.67	
IB	10.340	8.800	8.800	15.50	13.19	13.19	14.48	12.32	12.32	
IC	10.200	8.680	8.680	15.29	13.01	13.01	14.28	12.15	12.15	
ID	7.980	6.790	6.790	11.96	10.18	10.18	11.17	9.51	9.51	
IE	6.740	5.740	5.740	10.10	8.60	8.60	9.44	8.04	8.04	
IF	.	.	.	.	.	.	.	.	.
IG	.	.	.	.	.	.	.	.	.
IH	.	.	.	.	.	.	.	.	.
II	.	.	.	.	.	.	.	.	.
GLASGOW										

THE UNIVERSITY OF CHICAGO
DIVISION OF THE PHYSICAL SCIENCES
DEPARTMENT OF CHEMISTRY
JANUARY 1954
MEMORANDUM FOR THE RECORD
SUBJECT: [Illegible]
[Illegible text follows, appearing to be a list of names and dates, possibly a roster or schedule.]

[Illegible text, possibly a continuation of the memorandum or a separate section.]

[The remainder of the page contains extremely faint, illegible text, likely bleed-through from the reverse side or a very poor quality scan.]